

## **Definition of a Derivative**

The derivative of a function represents the slope of the tangent line to the function.

Tangent Line	Slope of a line
Tangent line Function	$m = \frac{y_2 - y_1}{x_2 - x_1}$
	*we need 2 points on the line to get the slope

## First-Principles Definition of a Derivative



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